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NOTICE OF ALLOWANCE AND FEE(S) DUE

22801 7590 12/28/2010

LEE & HAYES, PLLC
601 W. RIVERSIDE AVENUE
SUITE 1400
SPOKANE, WA 99201

EXAMINER

SAINT CYR, JEAN D

ART UNIT

PAPER NUMBER

2425

DATE MAILED: 12/28/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/699,616

10/30/2003

Gregoire Jaunin

MS1-1653US

9965

TITLE OF INVENTION: LOG ENTRIES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

\$1510

\$0

\$0

\$1510

03/28/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

22801 7590 12/28/2010

LEE & HAYES, PLLC
601 W. RIVERSIDE AVENUE
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SPOKANE, WA 99201

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/699,616	10/30/2003	Gregoire Jaunin	MS1-1653US	9965

TITLE OF INVENTION: LOG ENTRIES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	03/28/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
SAINT CYR, JEAN D	2425	725-086000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/699,616	10/30/2003	Gregoire Jaunin	MS1-1653US	9965
22801	7590	12/28/2010	EXAMINER	
LEE & HAYES, PLLC 601 W. RIVERSIDE AVENUE SUITE 1400 SPOKANE, WA 99201			SAINT CYR, JEAN D	
			ART UNIT	PAPER NUMBER
			2425	
DATE MAILED: 12/28/2010				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 1070 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 1070 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

10/699,616

Applicant(s)

JAUNIN ET AL.

Examiner

JEAN Duclos SAINT CYR

Art Unit

2425

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/07/2010.
2. ☒ The allowed claim(s) is/are 1,4-6,8-10,12-14,16,35 and 43-46.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

Detailed Action
Allowable Subject Matter

Claims 1, 4-6, 8-10, 12-14, 16, 35, 43-46 are allowed over prior art of record. The following is an examiner's statement of reasons for allowance:

With respect to independent claims 1, 8, 16, 35; Satomi et al disclose a plurality of servers; a cookie, which is an identifier used to identify each Web client 101 that has accessed the Web server 105, is equivalent to the session information 302, 0037; transmits contents of the execution request to the AP server 106. The AP server 106 extracts data required for the execution from the DB server 107, and executes the services, 0033; session information included in log information held by each server is recorded in a session-information management table, 0012; a cookie, which is an identifier used to identify each Web client 101 that has accessed the Web server 105, is equivalent to the session information 302, 0037.

John et al disclose the requests are directed via load-balancing component 125, shown as a Layer 4 switch in FIG. 1, 0050 and see fig.4; ; displaying server information; displaying system error, warnings,0092; critical errors, warning, asynchronous event notifications , and the like are reported back to the Cluster Management Console as SNMP traps. An administrator using the Console is accordingly informed about such events on any server in a cluster and if needed can then take appropriate action,0097; If a first server detects that a second server is down, it marks the second server as down and removes it from membership of the cluster. When it receives an I am alive message from the server that went down, it includes it back into the cluster, 0085;0097.

Alao et al disclose purchase transaction begins when a client sends a message to the server comprising session identifier associated with a cookie, the application server processes the order and returns the confirmation to the set-top box. The SPS intercepts the response, updates the order log to reflect the confirmation and forwards it to the set-top box, 0108; generate various reports related to the activities through the

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Account,0050; The SPS also provides a mall directory function and a global product search engine across different shops. The SPS enables administration of the portal look and feel and provides extensive adaptive operator control of advertising space, content and scheduling. SPS viewer profiling enables adaptive advertising and content management. Adaptive management further comprises operational monitoring of traffic peaks and transmission failures,0071.

And Alao et al disclose the AM tracks user responses to the advertisements, generates reports and creates new campaign rules based on the reports. Thus, the SPS enables the provision of adaptive advertising based on feed back from client/user responses, time of day, available programming, available advertising,0131; On the server side, activity logs are collected by an application server and stored in a database. Activity logs are stored in an uncompressed form to enable easy analysis and manipulation,0152; The Log File Collector Gadgets (801), residing on the client device, captures zap data (what channel is being tuned in) and log data (what has been purchased,0154.

And Devine et al disclose the preferred embodiment further associates a given HTTPS request with a logical session which is initiated and tracked by a "cookie jar server" 32 to generate a "cookie" or session identifier which is a unique server-generated key that is sent to the client along with each reply to a HTTPS request. The client holds the cookie or session identifier and returns it to the server as part of each subsequent HTTPS request. As desired, either the Web servers 24, the cookie jar server 32 or the Dispatcher Server 26, may maintain the "cookie jar" to map the session identifier to the associated session. A separate cookie jar server 32, as illustrated in FIG. 4 has been found desirable to minimize the load on the dispatcher server 26. A new cookie will be generated when the response to the HTTPS request is sent to the client,0067.

But Satomi in view of John further in view of Alao and further in view of Devine and any of cited references did not teach or suggest, alone or in combination the feature of “reporting an exception encountered during processing of the third request, the third request including the log session ID and the third log ordering ID; requesting log entries from a content server that generated the exception and that match the log session ID and requesting log entries from a subset of other content servers that processed requests that chronologically precede the exception and that match the log session ID; utilizing the log entries to generate an exception report that provides a context of the exception, the context including identifying a source of the exception and describing how to remedy the exception; and utilizing the log entries to generate a second report different from the exception report describing viewer usage patterns and viewer shopping patterns, the viewer usage patterns including information relating to which programs a viewer watches, a frequency in which the viewer tunes in to watch programs, and a frequency in which the viewer changes channels, and the viewer shopping patterns including information relation to a frequency in which the viewer uses a home shopping application, a number of viewers who opened a catalog of a particular merchant, which items in the catalog attracted the most attention, and whether the viewers browsed the catalog multiple times”;

“report an exception encountered during processing of the second request, the second request including the log session ID and the second log ordering ID; request log entries from a content server that generated the exception and that match the log session ID and request log entries from a subset of other content servers that processed requests that chronologically precede the exception and that match the log session ID; utilize the log entries to generate an exception report that provides a context of the exception, the context including identifying a source of the exception and describing how to remedy the exception; and utilize the log entries to ,generate a second report different from the exception report describing viewer usage patterns, the viewer usage patterns including information relating to viewer-watched television

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programs and the viewer shopping patterns including information relating usage of a home shopping application and viewer-accessed catalogues”;

“receive a report regarding an exception encountered during processing of the third request, the third request including the log session ID and the third log ordering ID; and receive a second report different from the exception report describing viewer usage patterns and viewer shopping patterns, the viewer usage patterns including information relating to which programs a viewer watches, a frequency in which the viewer tunes in to watch programs; and the frequency in which the viewer changes channels, and the viewer shopping patterns including information relating to a frequency in which the viewer uses a home shopping application, a number of viewers who opened a catalog of a particular merchant, which items in the catalog attracted the most attention, and whether the viewers browsed the catalog multiple times”;

“receive a report regarding an exception encountered during processing of the second request, the second request including the log session ID and the second log ordering ID; and receive a second report different from the exception report describing viewer shopping patterns, the viewer shopping patterns including information relating to a frequency in which the viewer uses a home shopping application, a number of viewers who opened a catalog of a particular merchant, which items in the catalog attracted the most attention, and whether the viewers browsed the catalog multiple times” as recited in combination with other features of independent claims 1, 8, 16 and 35.

The dependent claims 4-6; 9-10, 12-14; 43-46 are allowed because are further limit independent/parents claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Alao et al (20020147645) disclose Service platform suite management system.

Devine et al (20040019808) disclose Secure customer interface for web based data management.

Satomi et al (20040148327) disclose Method and system for displaying integrated log information.

John et al (20040088412) disclose System and method for highly-scalable real-time and time-based data delivery using server clusters.

Miller et al (20090150534) disclose Load balancing technique implemented in a data network device utilizing a data cache.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean Duclos Saintcy whose phone number is 571-270-3224. The examiner can normally reach on M-F 7:30-5:00 PM EST. If attempts to reach the examiner by telephone are not successful, his supervisor, Brian Pendleton, can be reached on 571-272-7527. The fax number for the organization where the application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Retrieval (PAIR) system. Status information for published applications may be obtained from either private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free). If you would

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like assistance from a USPTO Customer Service Representative or access to the automated information system, dial 800-786-9199(IN USA OR CANADA) or 571-272-1000.

/Jean Duclos Saintcyr /

/Brian T Pendleton/

Supervisory Patent Examiner, Art Unit 2425